

Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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## Servo - Hitec HS-5035HD (Ultra Nano Size)

ROB-14210 RoHS



**Description:** This is one of the smallest servos we carry, but don't let its size fool you! The HS-5035HD is the digital version of the popular HS-35HD and is destined to become a fan favorite! Equipped with a fully programmable digital circuit, Metal Karbonite gear train and long life potentiometer, the HS-5035HD provides heavy-hitting performance in a lightweight package. The HS-5035HD is able to take in 4.8 volts and deliver 11.11 oz-in of maximum torque at 0.1 sec/60°, and this guy is only about the size of a penny!

This high-quality servo is perfect for your mechatronic needs, and if you are looking to get into robotics, this is where to start. The HS-5035HD servo comes standard with a 3-pin power and control cable and all hardware listed below.

**Note:** Check the neutral position before linkage connection. Be advised that this servo is designed to rotate in 360° when the power is off due to its tiny structure. Check the "Neutral Position Warning Instruction" (included with each HS-5035HD) for more information.

### Features:

- Voltage: 4.8 volts
- Torque: 11.11 oz-in
- Speed: 0.1 sec/60°
- Direction: Clockwise
- Rotation: 180°
- Bushing Bearing
- Dual Metal Karbonite Gears
- 3-Pole Ferrite Motor
- A1 Micro Spline
- Clear Enclosure

**Includes:**

- 1x HS-5035HD Servo
- 3x Double Arm Micro Horn
- 1x Long Double Arm Micro Horn
- 1x Four Point Micro Horn
- 2x 4x9mm Phillips Screw
- 2x 3x5mm Phillips Screw

**Dimensions:**

- 18.6mm x 7.6mm x 15.5mm
- Wire Length: 160mm
- Weight: 4.5g